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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

April 22, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-6101128, issued to LEATHERWOOD, INC., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin

Chief

Operator's Well No: SHRIVER 2  
Farm Name: SHRIVER, SUSANNA

**API Well Number: 47-6101128**

**Permit Type: Plugging**

Date Issued: 04/22/2015

**Promoting a healthy environment.**

**04/24/2015**

## PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.



Shriver #2

API# 47-61-01128

Batelle District

Monongalia County

Location: Hundred

Northing: 444091.30

Easting: 17111762.80

Elevation: 1500

### Proposed Plug & Abandonment Procedure:

The work order for the manner of plugging this well is as follows:

The wellbore will be cleaned out to the total depth or attainable bottom. An attempt to remove all casing shall be made by pulling a minimum of 150% of the casing string weight. From the total depth or attainable bottom to the surface, casing will be removed so that only fully cemented casing strings will be left in the wellbore. Intact and un-cemented casing as determined by electronic logging shall be perforated, ripped, or milled at no greater than 100 ft. intervals from total depth or attainable bottom, to the top of the casing. A borehole survey will be conducted to determine the top and bottom of any mineable coal seam. In addition, starting at a point 5 ft. below through 5 ft. above any mineable coal seam, any casing shall be ripped, cut, or perforated on no greater than 5 ft. intervals. Circulation will have been established using gelled water to the clean out depth. Expanding cement will be placed from the total depth or attainable bottom to 100 ft. above any mineable coal seam. From that point to the surface, a class A cement with no more than 3% CaCl<sub>2</sub> and no other additives shall be used to fill the wellbore. A monument with the API number will be set on the wellbore at the surface. All plugging shall comply with WV Code Chapter 22 Article 6.

Reclaim ASAP.

Received  
Office of Oil & Gas  
MAR 18 2015

04/24/2015

1) Date \_\_\_\_\_, 20 14  
2) Operator's  
Well No. Shriver 2  
3) API Well No. 47-81 - 01128

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_\_/ Gas x/ Liquid injection \_\_\_\_/ Waste disposal \_\_\_\_/  
(If "Gas, Production x or Underground storage \_\_\_\_ ) Deep \_\_\_\_/ Shallowx

5) Location: Elevation 1500 Watershed Dunkard Creek  
District Batelle County Monongalia Quadrangle Hundred WV 7.5

6) Well Operator Leatherwood, Inc. 7) Designated Agent Seth Wilson  
Address 1000 Consol Energy Drive Address 700 Hampton Center, Suite K  
Canonsburg, PA 15317 Morgantown, WV 26378

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gayne J Knitowski Name Contractor Services Inc. (CSI)  
Address P.O. Box 108 Address 929 Charleston Rd.  
Gormaniam, WV 26720 Spencer, WV 25776

10) Work Order: The work order for the manner of plugging this well is as follows:  
Please see attached pages.

Received  
Office of Oil & Gas  
MAR 18 2015

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Gayne J Knitowski Date 3/16/2015

Farm name: SHRIVER, SUSANNA Operator Well No.: SHRIVER #2 6101128P

LOCATION: Elevation: 1,500.00 Quadrangle: HUNDRED

District: BATTELLE County: MONONGALIA  
Latitude: 12500 Feet South of 39 Deg. 45Min. Sec.  
Longitude 10600 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: GREENRIDGE OIL, INC.  
R.D. 1, BOX 267  
NEW FREEPORT, PA 15352-0000

Agent: JOHN LABELLE

Inspector: RANDAL MICK  
Permit Issued: 11/08/93  
Well ~~work~~ Commenced: June 15, 1908  
Well ~~work~~ Completed: Sept. 8, 1908  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary \_\_\_\_\_ Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 3460'  
Fresh water depths (ft) \_\_\_\_\_  
Salt water depths (ft) \_\_\_\_\_

Drilled

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10"	280'	280'	
8"	1735	1735	
6"	2608	2608	
5"	3270	3270	
2" Tubing	3460	3460	

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): PHS 1275'

OPEN FLOW DATA

Producing formation 4<sup>th</sup> SAND Pay zone depth (ft) 3445  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: Ralph Coublin  
GREENRIDGE OIL, INC.  
By: Ralph Coublin  
Date: 3/24/94

Received  
Office of Oil & Gas  
MAR 18 2015

6101128P

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Shriver 2 \_\_\_\_\_  
3) API Well No.: 47 - 61 - 01128

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

4) Surface Owner(s) to be served:  
(a) Name Lawrence & Mary Kay Johnston  
Address 1017 Derektion Drive  
Latrobe, PA 156505-5510  
(b) Name Diane Filosemi  
Address 1017 Derektion Drive  
Latrobe, PA 156505-5510  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Gayne J Knitowski  
Address P.O. Box 108  
Gorman, WV 26720  
Telephone 304-546-8171

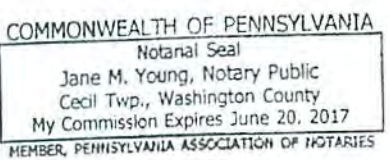
5) (a) Coal Operator  
Name N/A  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name CNX RCPC LLC  
Address 1000 Consol Energy Drive  
Canonsburg, PA 15317  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Leatherwood, Inc.  
By: [Signature]  
Its: Vice President  
Address 1004 Consol Energy Drive  
Canonsburg, PA 15317  
Telephone \_\_\_\_\_

Received  
Office of Oil & Gas  
MAR 18 2015

Subscribed and sworn before me this 3 day of MARCH, 2015  
[Signature] Notary Public

My Commission Expires \_\_\_\_\_  
Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

04/24/2015

6101128P

7013 2250 0000 9760 3351

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ 69	
Certified Fee	270	
Return Receipt Fee (Endorsement Required)	210	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 669	

Sent To  
 CNX RPC LLC  
 1000 CONSOL ENERGY DRIVE  
 CANONSBURG, PA 15317

PS Form 3800, August 2006 See Reverse for Instructions

Received  
Office of Oil & Gas  
MAR 18 2015

7013 2250 0000 9760 3344

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ 69	
Certified Fee	270	
Return Receipt Fee (Endorsement Required)	210	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 669	

Sent To  
 DIANE FILOSEMI  
 1017 DERAKTON DRIVE  
 LATROBE, PA 15650-5510

PS Form 3800, August 2006 See Reverse for Instructions

7013 2250 0000 9760 3276

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ 90	
Certified Fee	270	
Return Receipt Fee (Endorsement Required)	210	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 669	

Sent To  
 MR. GAYNE J. KNITONSKI  
 P.O. BOX 708  
 GORMANIA, WV 26720

PS Form 3800, August 2006 See Reverse for Instructions

7013 2250 0000 9760 3337

**U.S. Postal Service™**  
**CERTIFIED MAIL™ RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ 69	
Certified Fee	270	
Return Receipt Fee (Endorsement Required)	210	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 669	

Sent To  
 LAWRENCE & MARY KAY JOHNSTON  
 1017 DERAKTON DRIVE  
 LATROBE, PA 15650-5510

PS Form 3800, August 2006 See Reverse for Instructions

04/24/2015

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Leatherwood, Inc. OP Code 494476721

Watershed (HUC 10) Dunkard Creek Quadrangle WV 7.5

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

ANY WELL EFFLUENT MUST  
BE CONTAINED IN TANKS  
AND DISPOSED OF PROPERLY.  
JMM

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. \_\_\_\_\_

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are penalties for submitting false information, including the possibility of fine or imprisonment.

Received  
Office of Oil & Gas

Company Official Signature Gerald Ramsburg

MAR 18 2015

Company Official (Typed Name) Gerald Ramsburg

Company Official Title General Manager-Leatherwood

Subscribed and sworn before me this 3 day of MARCH, 2015

Jane M. Young Notary Public  
My commission expires \_\_\_\_\_

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Jane M. Young, Notary Public  
Cecil Twp., Washington County  
My Commission Expires 01/21/2017  
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES



Leatherwood, Inc.

Proposed Revegetation Treatment: Acres Disturbed less than 1 acre Prevegetation pH \_\_\_\_\_

Lime 2-3 Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch har or straw Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type	lbs/acre
Tall Fescue	40
Landino Cover	5

Seed Type	lbs/acre
Tall Fescue	40
Landino Cover	5

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by:

*Mary J Kirtu*

Comments:

*Reclaim as soon as possible*

Received  
Office of Oil & Gas

MAR 18 2015

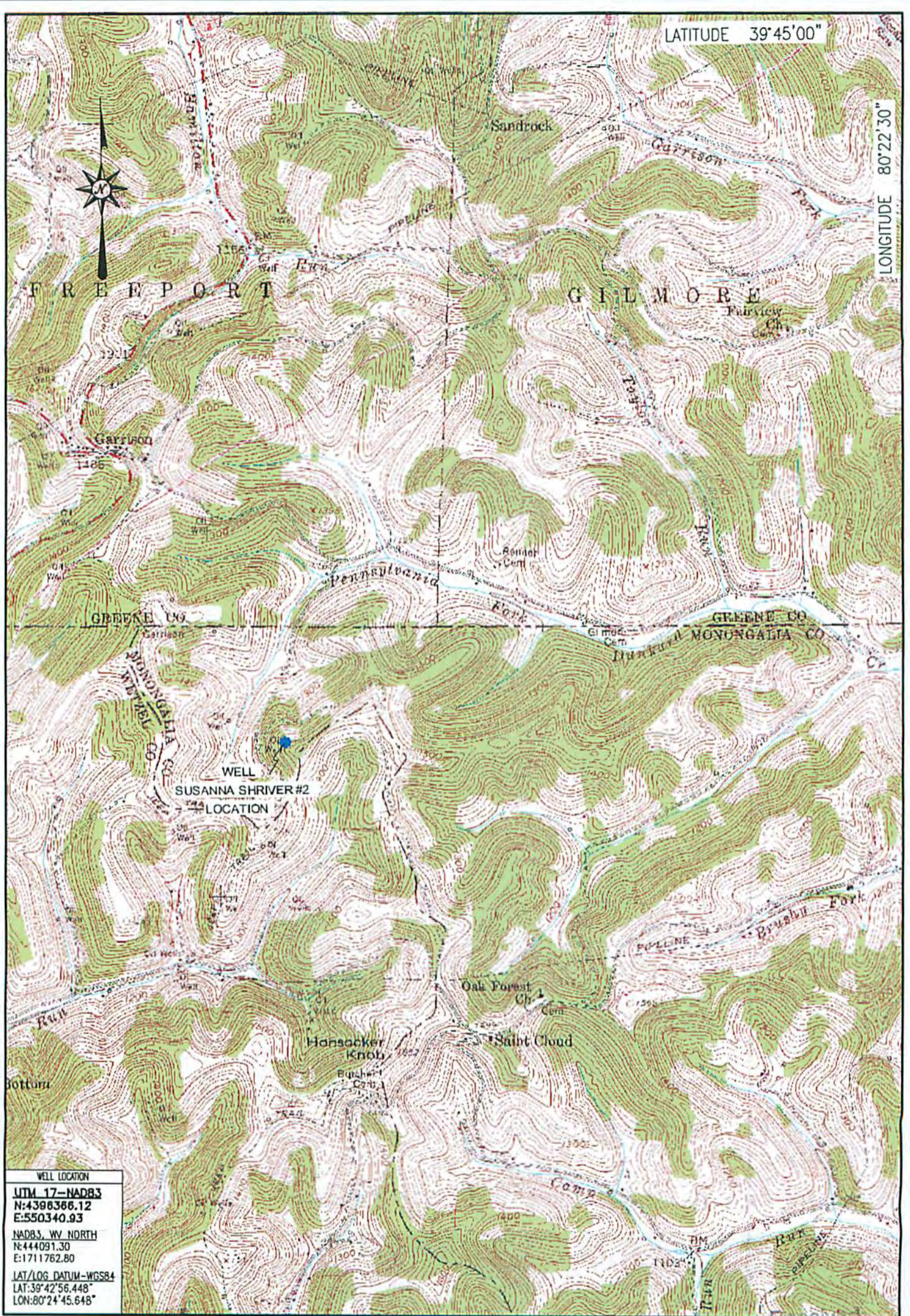
Title: Inspector

Date: 3/16/2015

Field Reviewed?  Yes

No

6101128P



LATITUDE 39°45'00"

LONGITUDE 80°22'30"

WELL LOCATION  
 UTM 17-NAD83  
 N:4386366.12  
 E:550340.93  
 NAD83, WY NORTH  
 N:444091.30  
 E:1711762.80  
 LAT/LOG DATUM-WGS84  
 LAT:39°42'56.448"  
 LON:80°24'45.648"

LOCATION MAP  
DECEMBER 12, 2014

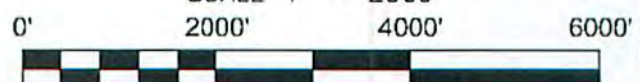
Office of Oil & Gas  
MAR 18 2015

04/24/2015

**Blue Mountain Inc.**  
 10125 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

SUSANNA SHRIVER #2  
HUNDRED QUADRANGLE  
WEST VIRGINIA

SCALE 1" = 2000'

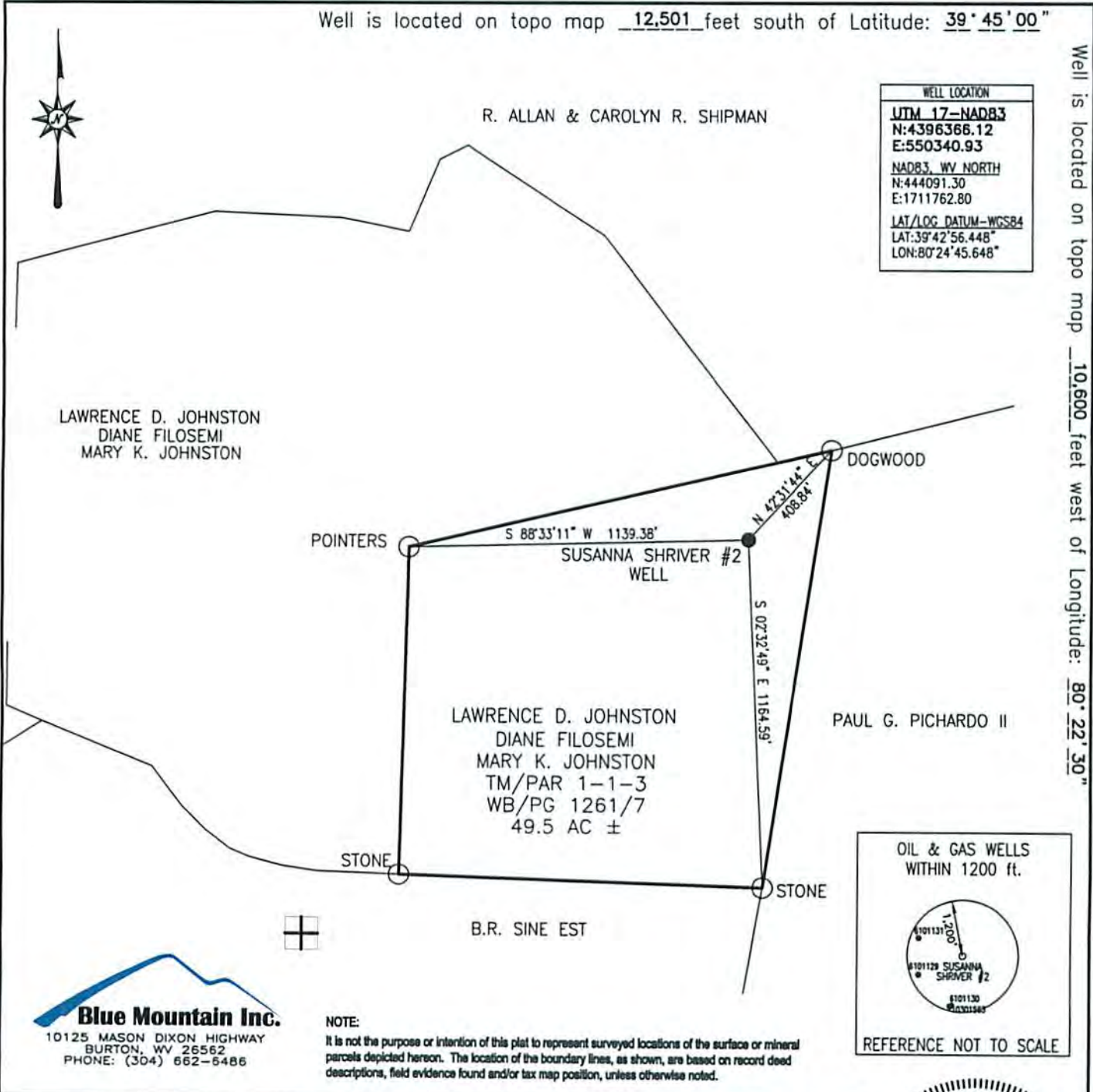


**BLUE MOUNTAIN ENGINEERING**

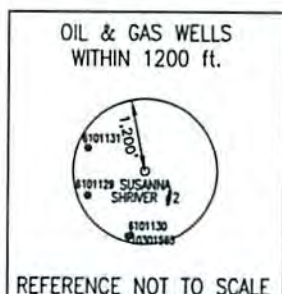
610128P

Well is located on topo map 12,501 feet south of Latitude: 39° 45' 00"

Well is located on topo map 10,600 feet west of Longitude: 80° 22' 30"



WELL LOCATION  
 UTM 17-NAD83  
 N:4396366.12  
 E:550340.93  
 NAD83, WV NORTH  
 N:444091.30  
 E:1711762.80  
 LAT/LOG DATUM-WGS84  
 LAT:39°42'56.448"  
 LON:80°24'45.648"



**Blue Mountain Inc.**  
 10125 MASON DIXON HIGHWAY  
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NOTE:  
 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

FILE #: SUSANNA SHRIVER #2  
 DRAWING #: SUSANNA SHRIVER #2  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.  
 Signed: [Signature]  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000

**GEORGE D SIX**  
 LICENSED  
 No. 2000  
 STATE OF  
 WEST VIRGINIA  
 PROFESSIONAL SURVEYOR  
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

Office of Oil & Gas  
 MAR 18 2015

DATE: JANUARY 26, 2015  
 OPERATOR'S WELL #: SUSANNA SHRIVER #2  
 API WELL #: 47 061 01128P  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1500'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: HUNDRED, WV 7.5'

SURFACE OWNER: LAWRENCE D. JOHNSTON, DIANE FILOSEMI & MARY K. JOHNSTON ACREAGE: 49.5±

OIL & GAS ROYALTY OWNER: \_\_\_\_\_ ACREAGE: \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: 4TH SAND ESTIMATED DEPTH: 3,460'±

WELL OPERATOR LEATHERWOOD, INC. DESIGNATED AGENT SETH WILSON  
 Address 1001 CONSOL ENERGY DRIVE Address 700 HAMPTON CENTER, SUITE K  
 City CANONSBURG State PA Zip Code 15317 City MORGANTOWN State WV Zip Code 26505

04/24/2015

Well is located on topo map 12,501 feet south of Latitude: 39° 45' 00"

Well is located on topo map 10,600 feet west of Longitude: 80° 22' 30"



R. ALLAN & CAROLYN R. SHIPMAN

WELL LOCATION  
**UTM 17-NAD83**  
**N:4396366.12**  
**E:550340.93**  
 NAD83, WV NORTH  
 N:444091.30  
 E:1711762.80  
 LAT/LOG DATUM-WGS84  
 LAT:39°42'56.448"  
 LON:80°24'45.648"

LAWRENCE D. JOHNSTON  
 DIANE FILOSEMI  
 MARY K. JOHNSTON

POINTERS

S 88°33'11" W 1139.38'

SUSANNA SHRIVER #2  
 WELL

N 42°31'44" E  
 408.84'

DOGWOOD

LAWRENCE D. JOHNSTON  
 DIANE FILOSEMI  
 MARY K. JOHNSTON  
 TM/PAR 1-1-3  
 WB/PG 1261/7  
 49.5 AC ±

PAUL G. PICHARDO II

STONE

STONE

B.R. SINE EST

OIL & GAS WELLS  
 WITHIN 1200 ft.

REFERENCE NOT TO SCALE

**Blue Mountain Inc.**  
 10125 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

NOTE:

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Signed:

R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000

GEORGE D. SIX  
 LICENSED  
 No. 2000  
 STATE OF  
 WEST VIRGINIA  
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: JANUARY 26, 2015  
 OPERATOR'S WELL #: SUSANNA SHRIVER #2  
 API WELL #: 47 061 01128 P  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: DUNKARD CREEK ELEVATION: 1500'

COUNTY/DISTRICT: MONONGALIA / BATTELLE QUADRANGLE: HUNDRED, WV 7.5'

SURFACE OWNER: LAWRENCE D. JOHNSTON, DIANE FILOSEMI & MARY K. JOHNSTON ACREAGE: 49.5±

OIL & GAS ROYALTY OWNER: \_\_\_\_\_ ACREAGE: \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: 4TH SAND ESTIMATED DEPTH: 3,460'±

WELL OPERATOR LEATHERWOOD, INC. DESIGNATED AGENT SETH WILSON  
 Address 1001 CONSOL ENERGY DRIVE Address 700 HAMPTON CENTER, SUITE K  
 City CANONSBURG State PA Zip Code 15317 City MORGANTOWN State WV Zip Code 26505

04/24/2015

6101128P

Leatherwood, Inc.  
Gerald Ramsburg  
1000 Consol Energy Drive  
Canonsburg, PA 15317

February 19, 2015

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

Plugging Permit Application – Well “Shriver #2”

Dear Sir or Madam,

Enclosed is the plugging permit application for the above referenced well. This well is one of many to be plugged this year to comply with Leatherwood’s consent order.

If any further information or correspondence is required, please contact Erika Whetstone at (724) 627-1492 or [ErikaWhetstone@consolenergy.com](mailto:ErikaWhetstone@consolenergy.com).

Sincerely,

  
Gerald Ramsburg

Received  
Office of Oil & Gas  
MAR 18 2015

04/24/2015